

Technical Attachment

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**19<sup>th</sup> Conf. on Weather Analysis and Forecasting  
15<sup>th</sup> Conf. on Numerical Weather Prediction  
21<sup>st</sup> Conf. on Severe Local Storms**

**August 12-16, 2002  
San Antonio, Texas**

**Papers and Posters authored or co-authored by NWS Southern Region Participants.**

*Observations of the 27 May 2001 High-End Derecho Event*, by Daniel J. Miller, J. S. Evans and D. L. Andra, Jr. (WFO Norman), and R. H. Johns (NCEP/SPC, retired).

*The Effects of Coastlines on the Evolution of Strong, Long Lived Squall Lines*, by Todd P. Lericos and H. E. Fuelberg (Florida State Univ.), A. I. Watson (WFO Tallahassee), and M. L. Weisman (NCAR).

*The Mayfest High-Precipitation Supercell of 5 May 1995 - A Case Study*, by Edward J. Calianese (WFO Lubbock), A. R. Moller (WFO Fort Worth), E. B. Curran (WFO Midland), and J. K. Jordan (WFO Fort Worth).

*The Multiple-Radar Severe Storm Analysis Program for WDSS-II*, by Gregory J. Stumpf and T.M. Smith (CIMMS/Univ. of Oklahoma and NSSL), and A. E. Gerard (WFO Jackson).

*Radar Characteristics of Violent Tornadoic Storms Using the NSSL Algorithms Across Separate Geographic Regions of the United States*, by Chris Broyles (WFO Amarillo), N. Dipasquale (WFO Sterling), T. Hendricks and H. Guerrero (WFO San Angelo), and R. Wynne (WFO Amarillo).

*Mesoscale Modeling at WFO Jacksonville: Five Years of Trying to Get Florida Severe Weather Right*, by Patrick T. Welsh (WFO Jacksonville).

*Damage Survey and Radar Analysis of the Ft. Worth and Arlington, TX Tornadoes on 28 March 2000*, by Timothy P. Marshall (Haag Engineering Co.), and M. Foster (WFO Norman).

*Anticipating and Monitoring Supercell Motion for Severe Weather Operations*, by Jon W. Zeitler (WFO Austin/San Antonio) and M. J. Bunkers (WFO Rapid City).

*Synoptic and Mesoscale Patterns Associated with Violent Tornadoes across Separate Geographic Regions of the United States: Part I - Surface Characteristics*, by Chris Broyles (WFO Amarillo), N. Dipasquale (WFO Sterling), and R. Wynne (WFO Amarillo).

*Synoptic and Mesoscale Patterns Associated with Violent Tornadoes across Separate Geographic Regions of the United States: Part II - Upper Level Characteristics*, by Chris Broyles (WFO Amarillo), N. Dipasquale (WFO Sterling), and R. Wynne (WFO Amarillo).

*Lightning Nowcasts Using WSR-88D Derived Products and AWIPS*, by Tim Garner, R. Lafosse and T. D. Oram (NWS/NOAA Spaceflight Meteorology Group, Houston).

*Late November 2001 Winter Precipitation Event over South Central Texas*, by Robert A. Blaha (WFO Austin/San Antonio).

*Mesoscale Modeling of Significant Severe Weather and Flash Flood Events at WFO Jackson, MS*, by Alan Gerard and S. A. Listemaa (WFO Jackson).

*Comparison of Meso Eta Wind Forecasts with TCOON Measurements along the Coast of Texas*, by Jeremy Alan Stearns (Texas A&M University, Conrad Blucher Inst., Corpus Christi), P. Tissot, A. Patrick (WFO Corpus Christi), P. Michaud, and W. G. Collins (WFO Corpus Christi).

*A New Flash Flood Action Paradigm*, by Jon W. Zeitler (WFO Austin/San Antonio).

*An Investigation of Alternative Verification Schema for the National weather Service: Results of Analysis of March 2001 Storms in North Florida and Southeast Georgia*, by Dawn Hayes (Edward Waters College, Jacksonville) and P. T. Welsh (WFO Jacksonville).

*Utilization of the GFE in Severe Weather Recognition at the Tampa Bay Area National Weather Service*, by Jason T. Deese and C. H. Paxton (WFO Tampa Bay Area).

*Warning Decision Making Challenges During the Tornado Outbreak of 24 November 2001*, by Alan Gerard and C. Entremont (WFO Jackson), and A. Robinson-Cook.

*Wireless Storm Spotter and Marine Reporting System (WSSMRS) - A National Weather Service Jacksonville / University of North Florida Research Project*, by Fred R. Johnson and P. Welsh (WFO Jacksonville), and J. D. Lambert (Univ. of North Florida).

*Warning Decision Making Issues During the 24 November 2001 Tornado Outbreak*, by John T. Bradshaw (WFO Huntsville), and P. A. Hart, M. A. Linhares, K. J. Pence, J. A. Westland, and J. D. DeBlock (WFO Birmingham).

*Dramatically Improving Warning Services - One Office's Experiences*, by Stephen S. Parker and H. Waldron (WFO Morristown).

*Applying a Mixed Tornado/Flooding Event to the New National Weather Service Training Environment*, by Nezette N. Rydell and J. D. Ward (retired) (WFO Austin/San Antonio).

*A Case Study of the Fort Worth and Arlington Tornadoic Supercells of 28 March 2000*, by Jason K. Jordan (Texas Tech Univ.), A. R. Moller and M. Vescio (WFO Fort Worth), and M. P. Foster (WFO Norman).

*Preliminary Results from the North Alabama Lightning Mapping Array*, by Eugene W. McCaul, Jr. (USRA, Huntsville), J. Bailey, S. J. Goodman, R. Blakeslee, J. Hall, D. E. Buechler, and T. Bradshaw (WFO Huntsville).

*A Severe Weather Climatology for the NWS WFO New Orleans - Baton Rouge County Warning Area*, by Suzanne Van Cooten (WFO New Orleans Area).

*Tornadogenesis over Live Oak County Texas on 15 November 2001*, by Waylon G. Collins (WFO Corpus Christi).

*Multi-Scale Analysis of the 13 October 2001 Central Gulf Coast Tornado Outbreak*, by Dan Darbe and J. M. Medlin (WFO Mobile).

*Using High-Resolution Diagnostics to Facilitate the Short-Term Threat Assessment of Tornadoes During Tropical Storm Gabrielle*, by David W. Sharp, S. M. Spratt, P. F. Blottman (WFO Melbourne), and J. L. Case.

*An Examination of the Variability of Snowfall Associated with Terrain-Induced Circulations in Central New Mexico Using the Workstation Eta and MM5 Models*, by Deirdre M. Kann (WFO Albuquerque) and E. Ritchie.

*Local Mesoscale Models for Nowcasting Space Shuttle Landing Weather*, by Timothy Oram, T. Garner and R. Lafosse (NWS/NOAA Spaceflight Meteorology Group, Houston).

*A Forecast Overview of the 26 January 1996 Blizzard Across Eastern Iowa and Northwest Illinois Using Non-Standard Forecast Techniques*, by Timothy P. Hendricks (WFO San Angelo) and T. E. Holsten (WFO Indianapolis).

*An Analysis of the Spatial Distribution of Eta Surface Temperature Forecasts Through the Gridded Forecast Editor*, by Steven A. Amburn (WFO Tulsa).

*Use of the NCEP MesoEta Data in a Water Level Predicting Neural Network*, by Andrew Patrick (WFO Corpus Christi), P. Tissot, J. Stearns, P. Michaud, and D. Cox.

*The Oklahoma Tornado Outbreak and Flash Flood Event of 4-5 October 1998*, by Jonathan Racy (NCEP/Storm Prediction Center) and Joseph Rogash (WFO El Paso).